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AFIS SECTION
KENTUCKY STATE POLICE
1250 LOUISVILLE ROAD
FRANKFORT, KY 40601

AFIS BYTES

The Newsletter of Fingerprint Technologies

WHERE DOES YOUR FACILITY RANK AMONG FINGERPRINT SUBMISSIONS FROM JANUARY – DECEMBER 2007?

Adair County Jail	850	Jessamine County Detention Center	787
Allen County Detention Center	981	Kenton County Jail	12067
Ballard County Jail	421	LaRue County Detention Center	487
Barren County Correction Center	2727	Laurel County Detention Center	3657
Bell County Jail	1378	Lee County Jail	1428
Big Sandy Reg. Detention Center	2945	Letcher County Jail	95
Boone County Jail	5371	Lewis County Jail*	6
Bourbon County Detention Center	1816	Lincoln County Jail	1641
Boyd County Detention Center	1968	Logan County Jail	764
Boyle County Detention Center	1544	Madison County Detention Center	3240
Breckinridge County Jail	666	Marion County Detention Center	2414
Bullitt County Jail	2241	Marshall County Detention Center	1225
Butler County Jail	526	Mason County Detention Center	1844
Caldwell County Detention Center	951	McCracken County Regional Jail	4566
Calloway County Detention Center	1187	McCreary County Jail	212
Campbell County Detention Center	4242	Meade County Jail	517
Carroll County Detention Center	3180	Monroe County Correctional Center	483
Carter County Jail	886	Montgomery County Regional Jail	1603
Casey County Detention Center	512	Mt. Vernon Police Department	51
Christian County Jail	6493	Muhlenberg County Jail	1406
Clark County Detention Center	1736	Nelson County Jail	1285
Clay County Detention Center	2492	Ohio County Jail	498
Clinton County Jail	891	Oldham County Detention Center	1189
Corbin Police Department	863	Pee Wee Valley Institute for Women	1130
Crittenden County Jail	383	Perry County Jail	1286
Daviess County Detention Center	6191	Pike County Detention Center	2399
Estill County Jail	117	Powell County Jail	669
Fayette County Detention Center	20853	Pulaski County Detention Center	3059
Floyd County Detention Center	1027	Rhoderer Correctional Complex	6392
Franklin County Detention Center	3492	Rowan County Detention Center	1895
Fulton County Detention Center	519	Russell County Detention Center	28
Grant County Detention Center	702	Scott County Detention Center	1297
Graves County Detention Center	730	Shelby County Detention Center	1918
Grayson County Jail	324	Simpson County Detention Center	606
Greenup County Detention Center	1046	Union County Jail	549
Hardin County Detention Center	5276	Warren County Detention Center	6267
Harlan Police Department	301	Wayne County Jail	861
Hart County Jail	768	Webster County Detention Center	591
Henderson County Detention Center	3741	Whitley County Jail	1790
Hickman County Jail	166	Woodford County Detention Center	1010
Hopkins County Detention Center	2533		
Jackson County Jail	635		
Jefferson County Detention Center	43702		

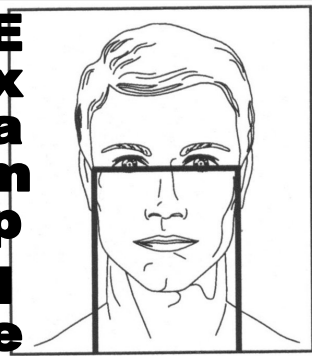
*Denotes Sites with Less than a Year of Statistics

MUGSHOT

DO'S & DON'TS

With the newly added responsibility of Criminal Lineup requests, the AFIS section wishes to continue to maintain the utmost quality mugshots in the Kentucky State Police's mugshot database. Below are examples of how a mugshot should look and should not look. In order to meet the challenges of NIST compliancy all mugshot photographs must be taken with the individual placed in front of an appropriate neutral gray backdrop utilizing standardized photographic lighting.

Example



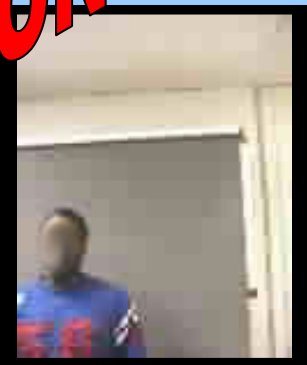
DO



When taking a head shot the horizontal line in the window should be positioned right through the subject's eyes. The vertical lines should be positioned just inside the subject's ears.

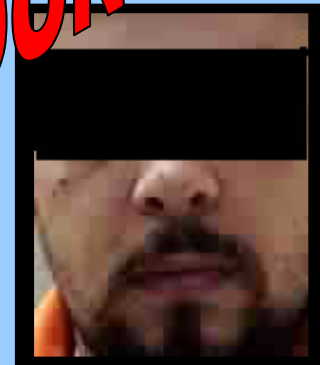
Don'ts

DON'T



The photo is too far away and not centered.

DON'T



The photo is too close up.

DON'T



The photo does not have a neutral gray backdrop.

UPCOMING TRAINING DATES

Jan. 17th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this date call (502) 227-8723 or email us at livescan@ky.gov.

Feb. 5th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this date call (502) 227-8723 or email us at livescan@ky.gov.

Feb. 21st, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this date call (502) 227-8723 or email us at livescan@ky.gov.

Mar. 4th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this date call (502) 227-8723 or email us at livescan@ky.gov.

Mar. 20th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this date call (502) 227-8723 or email us at livescan@ky.gov.

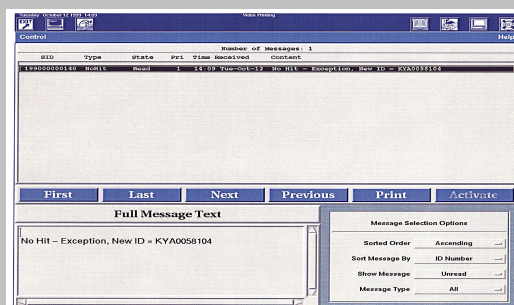
**These dates are available
first come, first serve, and
will not exceed 15 per session.**

LIVESCAN FEATURES

This section of the Newsletter identifies the features of the LSS 2000 Livescan in your facility.

EMAIL RESPONSES FROM THE LIVESCAN

The LiveScan at your facility has the capability to receive email messages back from our central site that contain information pertaining to each individual you book. This option can be accessed via the mailbox icon on the main navigation bar at the top of your screen.



Understanding the Messages in the Full Message Text Area

Hit (Lights-Out) Messages

A Hit message appears when the individual being booked or processed has a previous record. In the following example, 100071796002 is the search case ID number, 100002222233 is the State Identification Number (SID) number stored in the database for the individual being booked, and the name returned is the name that criminal history has associated with that State Identification number:

Hit (Lights-Out), Search ID = 100071796002 Hit ID = 100002222233 Name = Doe, John

The lights out message indicates the AFIS system has "tentatively" concluded that an identification of the subject to the previous State Identification Number (SID) has been established. Should an erroneous lights out identification be discovered, an Exception mail message is generated. (See Exception Mail Messages).

No Hit (Lights-Out) Messages

A No Hit message appears when no previous record has been found for this individual. In the following example, 100096004103 is the search case ID number, KYA0000234 is the State Identification Number, and the name returned is the name that your facility submitted:

No-Hit, Search ID = 100096004103 New ID = KYA0000234 Name= Doe, John

The system has found no fingerprint record match on this individual. A new State Identification Number has been assigned to the individual, and is noted in the message. Please note that the arrest will be cross-checked with a name search.

Exception Messages

Occasionally, the AFIS System erroneously reports an identification. This may be caused by a variety of reasons, most frequently fingerprint quality (both the current booking, and the fingerprint record on file). All Lights Out identifications are reviewed by Fingerprint examiners at the Kentucky State Police. Should an error be found, an Exception mail message is generated, informing the booking officer of the newly assigned State Identification Number (SID) for the individual.

Profiling AFIS

Jessica Lyons
Fingerprint Specialist II



Day to day operations in AFIS encompass many specialized tasks that require refined skills. Fingerprint Specialist Lyons' passion for the science of fingerprints is reflected through her precision and distinction in the comparison and analysis of fingerprints.

Jessica first came to AFIS in October of 2004. Since that time she has proven herself as one of the Kentucky State Police's finest Fingerprint Specialists. Jessica's performance in AFIS has taken her career interest into the latent field of fingerprints. For the past year she has been training heavily with a Senior Latent Analyst applying her understanding of tenprints to the complexities of latent recovery and comparison. Jessica's first high profile career case was the Flight 5191 crash of 2006, in which she assisted in the identification of the victims.

Most recently, Jessica was chosen to

attend three separate conferences across the country, all of them related to Latent Fingerprint Technique. The Motorola Conference in Anaheim, CA, a nationally recognized mini-conference on Demystifying Palmprints in Iowa, and lastly The University of Tennessee National Forensic Academy's Advanced Latent Print Development Course. Jessica's current career path is leading her toward a promising future as one of AFIS's most valued latent identification professionals.

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AFIS STATS

Tenprint Records

Counts Are Per Quarter
July - September

LiveScan Bookings	60,514
Card Scans Submitted	9,826
Searches (LiveScans & Cards)	70,330
Tenprint Data Base Size	846,310

Latent Records

Counts Are Per Quarter
July - September

Latent Identifications	250
Unsolved Latent Data Base Size	23,972

Year Ending Totals for 2007

LiveScan Bookings	221,979
Card Scans Submitted	40,480
Searches (LiveScans & Cards)	262,459
Tenprint Data Base Size	860,418

Latent Identifications	1078
Unsolved Latent Data Base Size	24,669

Please submit all questions,
stories, comments, and
suggestions to:

Kentucky State Police
AFIS Section
Attn: Hollie Freeman
1250 Louisville Road
Frankfort, Kentucky 40601

Livescan@ky.gov

Questions and Answers

Q: My LiveScan is "frozen" can I simply reboot it via the power button?

A: NO! Procedures are in place for you to contact our 24 hour help line if you are having difficulties with the LiveScan. Often a manual power down can crash a hard drive or cause severe damage to components of the system. For this reason we advise sites to do a manual power down only when we have requested you do so. If a site is having persistent problems with a LiveScan and manually powering them down without notification to the helpdesk, then we will have no record of down time and will not know a replacement is needed.

Q: We do not have a printer at the jail. Who can I contact for a copy of a card on a subject we have previously printed?

A: Any time a Law Enforcement agency is requesting a copy of a set of prints you may contact us at (502)227-8723 during normal business hours. We are open Monday thru Friday, 8:00 AM – 4:30 PM. If you need a certified copy of the prints you may contact Marti Wenz at (502)227-8700.